

ABSTRACT OF THE DISCLOSURE

A configurable system for automating a control sequence, in particular a motion sequence, has several components which exchange in regular time intervals during the control sequence with each other information via communication relationships. The system selects exactly one system project design from a plurality of system project designs based on the topology and functionality of the components. Each component of the system has a component project design, which is used by the system to design the components according to the corresponding component project designs. Each component arranges the communication relationships of the other components according to its own component project design.